

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Currently amended) ~~A promoter arbitrary genes in plant seeds, wherein there exists the sequence of SEQ ID NO: 1.~~ An isolated polynucleotide of SEQ ID NO:1, or an isolated polynucleotide comprising at least 88% identity with the polynucleotide sequence of SEQ ID NO: 1, the polynucleotide comprising a seed-specific promoter suitable for expressing arbitrary genes in plant seeds.
2. (Currently amended) The promoter according to claim 1, wherein it mediates ~~the gene~~ expression in the cotyledons and in the endosperm of seeds as a function of development.
3. (Currently amended) ~~An expression~~ Expression-cassette for expression of arbitrary genes ~~in the plant seed, comprising containing:~~
 - a) a promoter according to SEQ ID NO: 1,
 - b) a gene capable of being to be expressed, and
 - c) 3' termination sequences.
4. (Currently amended) ~~The expression~~ Expression-cassette according to claim 3, ~~wherein it additionally contains further comprising~~ the DNA sequence of a signal sequence peptide preferably the SBP-signal peptide.
5. (Currently amended) ~~The expression~~ Expression cassette according to claim 3, ~~further, comprising a second wherein a further~~ DNA sequence ~~is downstream to a the~~ DNA region provided with a transcriptionally regulatory sequence for a ~~strong~~ seed-specific gene expression, the DNA ~~latter~~ region containing the information for the formation and quantitative distribution of endogenous products or ~~the~~ expression of heterologous products in culture crops.
6. (Currently amended) ~~The expression~~ Expression cassette according to claim 3, wherein arbitrary foreign genes are integrated either as transcription or as translation fusions.

Response to Notice of Non-Compliant Amendment dated December 30, 2004

7. (Currently amended) ~~The expression~~ Expression cassette according to claim 3-4, wherein the signal peptide is encoded by a SBP (Sucrose Binding Protein) of the SBP-seed protein gene is used as a signal peptide.
8. (Currently amended) ~~The expression cassette~~ Expression according to claim 3, wherein ~~a the gene encoding SBP is the gene of the binding protein is used as the gene to be expressed.~~
9. (Currently amended) ~~The expression~~ Expression cassette according to claim 3, wherein it is also used for co- and multi transformations.
10. (Currently amended) Plasmids containing an expression cassette according to claim 3.
11. (Currently amended) Plasmid pSBPROCS according to claim 10, comprising a DNA sequence about 5.3 kb in size, in which a SalI promoter fragment of the regulatory starter area about 1.9 kb in size including the signal peptide and 5 codons triplets of a the-SBP (Sucrose Binding Protein) SBP-homologous gene of Vicia faba, restriction sites for cloning of foreign genes and a the transcription terminator of the octopine synthase gene are contained.
12. (Currently amended) Plasmid pPTVSBPRGUS according to claim 10, comprising a DNA sequence about 14.9 kb in size, comprising in which a phosphinothricin resistance gene about 1 kb in size, a SalI/NcoI promoter fragment of the regulatory starter area of the SBP-like gene of Vicia faba about 1.8 kb in size, the coding region of the β -glucuronidase about 2 kb in size and the transcription terminator of the octopine synthase gene are contained.
13. (Currently amended) Method for preparing a plant cell comprising the insertion of an expression cassette according to claim 3 with-comprising a DNA sequence for strong seed-specific gene expression into a plant cell, the method comprising the following steps:
 - a) ~~isolation of clone V-SBP20, wherein the gene coding for the SBP-seed protein occurring in the plant seed is selected from a cDNA Bank of cotyledons of Vicia faba,~~
 - b) ~~isolation of providing clone pSBPR15, wherein the comprising a DNA sequence according to SEQ ID NO: 1 contained therein comprises the regulatory starter re-~~

Response to Notice of Non-Compliant Amendment dated December 30, 2004

~~gion of the SBP seed protein gene of Vicia faba and a sequence from a related hybridising with the DNA sequence of the SBPR15, or a sequence comprising at least 88% identity with the DNA sequence of SEQ ID NO: 1 and possessing promoter activity.~~

- e) ~~b)~~ production of the plasmid pSBPOCS making use of the ~~Sa~~I fragment of plasmid pSBPR15 1.9 kb in size,
- d) ~~c)~~ integration of genes into the pSBPOCS expression cassette, inserting a polynucleotide encoding a protein into the expression cassette of pSBPOCS,
- e) ~~d)~~ cloning of the expression cassette containing a DNA sequence for over-expression of foreign genes in plant seeds, into binary vectors, and
- ~~e)~~ e) transfer of the expression cassette containing the foreign ~~an~~ gene under the control of the promoter according to ~~claim 1~~ SEQ ID NO: 1 into a plant cell.

14. - 18. (Canceled).

19. (Previously presented) Plant cell containing a plasmid according to claim 10.

20. (Currently amended) The method of claim 13, wherein a plant cell is produced ~~Plant cell produced according to the method of claim 13.~~

21. (Previously presented) Plant or plant tissues regenerated from a plant cell according to claim 20.

22. (Previously presented) Plant according to claim 21, wherein it is a culture crop.

23. (Currently amended) The expression cassette according to claim 4, further comprising a DNA sequence of encoding a SBP signal peptide.